



Cutting edge: the SYSAV plant in Malmö

Upswing for Götaverken Miljö

• “It is with great satisfaction that we can report that our focused efforts and concentration on unique products within our core operations – gas cleaning, energy recovery and service – have led to a stable level of profitability and excellent results for the company in 2005,” says Lennart Gustafsson, managing director of Götaverken Miljö.

Götaverken Miljö develops, designs and supplies products and facilities for the cleaning of environmentally-hazardous emissions, energy recovery and cooling generation. The company offers the unique and leading patented ADIOX and MercOx products for the cleaning of gases containing dioxin and mercury as well as carries out consulting and service assignments in all product areas.

The company is located in Göteborg and has its origin in the Götaverken companies, a large industrial group comprising shipyards and boiler manufacturing with a history dating back to 1841. Götaverken Miljö AB was founded in 1988 as a spin-off from Götaverken Energy, and has been owned since 1998 by the Sixth AP Fund.

Delivery in record time

Asked to give examples of recent achievements, Gustafsson mentions SYSAV – the municipal waste disposal company in Malmö. “Our contract with SYSAV was to supplement their incineration lines one and two with a common scrubber system for gas cleaning and energy recovery. The project was completed in 13 months – solid evidence that our patented and compact scrubber system is highly competitive.”

Gustafsson says that 15 deliveries of their ADIOX technology for dioxin removal were made in 2005 so that today it is being used in 40 waste incineration plants throughout Europe, the USA and Canada. “During 2005 we also secured an order to equip waste incineration lines one to four for a major waste disposal plant in Copenhagen worth over €1.1m. This represents the biggest delivery to date of ADIOX material to an existing facility.”

Customers are to be found within energy production, mainly energy from waste, as well as the processing industry, steel/metal and chemicals. “We also carry out consulting

assignments within our specialist areas, and we can in partnership with customers supplement deliveries with incentives – defined during the implementation phase – to find the best solution for the end customer.”

Gustafsson underlines their close collaboration with Forschungszentrum Karlsruhe for the development of their patented ADIOX and MercOx. This gives Götaverken Miljö AB the sole rights globally to sell and manufacture this technology.

Increased awareness

The advantages of the company’s ADIOX technology have now also been highlighted in the BAT (Best Available Technologies) Reference Document, BREF, for waste incineration and which is pending a decision at the EU Commission. “If it gets the Commission’s blessing, this document will provide licensing authorities with reference material regarding the best available technology prior to their making licensing decisions. This will increase awareness of our technology as well as its positive features,” says Gustafsson. “Furthermore, we now develop programmes which offer our customers permit control and analysis of existing ADIOX installations. This means that we can determine the remaining lifespan of installed ADIOX material and, in doing so, we can assure the long-term operating safety and economy of the facilities.”

The MercOx process is also being tested in a new application at one of Europe’s leading petrochemical companies. “Our hope is that it will be installed permanently during 2006 and, thus, will contribute strongly to minimising emissions of mercury from this facility.”

Gustafsson says Götaverken Miljö is expected to become regarded as the most innovative supplier on the Nordic market and to be the preferred choice of industrial customers. “We also aim at providing the leading expertise in the field of dioxin and mercury removal from gases as well as the servicing of large heat pumps. Our ADIOX and wet scrubber technology will be marketed globally using a network of agents/dealers and partners, both for tower packing supplies and complete scrubber packages for gas cleaning and dioxin removal.” In this process they are presently working closely with the Swedish Export Council’s Swedentech project in order to find such partners on local markets.